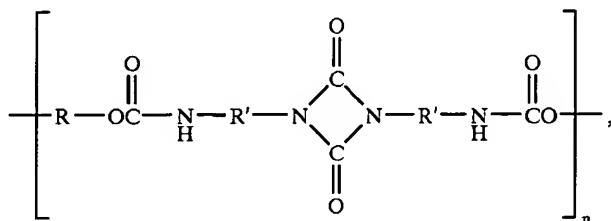


AMENDMENTS TO THE CLAIMS

1. (currently amended) An aqueous, electrodepositable coating composition comprising a dispersion of ~~[[an]]~~ a cathodically electrodepositable, active hydrogen-functional epoxy resin and ~~[[an]]~~ a uretdione compound, the epoxy resin having a cationic functional group selected from the group consisting of quaternary ammonium, sulfonium and phosphonium, wherein the uretdione compound comprises a structure of:



wherein R is a divalent alkylene radical, R' is a divalent alkylene, cycloalkylene, arylene, or alkylarylene radical, and n is an integer of 1 to about 50.

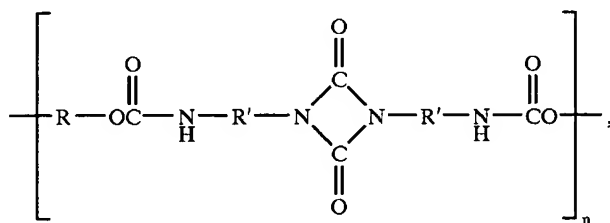
2. (cancelled)
3. (previously presented) An aqueous coating composition according to claim 1, wherein n is a sufficiently large number so that the compound is a solid at room temperature.
4. (original) An aqueous coating composition according to claim 1, wherein the uretdione compound is a uretdione of isophorone diisocyanate.

5. (cancelled)

6. (cancelled)

7. (currently amended) A method of making an aqueous dispersion coating, comprising steps of

combining a solid uretdione compound with a molten, water-dispersible epoxy resin, the epoxy resin having a cationic functional group selected from the group consisting of quaternary ammonium, sulfonium and phosphonium, to form a homogenous resin mixture, wherein the uretdione compound comprises a structure of:



wherein R is a divalent alkylene radical, R' is a divalent alkylene, cycloalkylene, arylene, or alkylarylene radical, and n is an integer of 1 to about 50;

salting the water-dispersible resin ~~if necessary~~; and

dispersing the resin mixture in water.

8. (original) A method according to claim 7, wherein the molten, water-dispersible resin has functionality reactive with the uretdione compound.

9. (original) A method according to claim 7, wherein the coating composition contains a further water-dispersible resin having functionality reactive with the uretdione compound.
10. (cancelled)
11. (original) A method of coating a substrate, comprising
applying the coating composition of claim 1 to a substrate and
curing the applied coating composition to produce a cured coating layer on the substrate.
12. (original) A method according to claim 11, wherein the coating composition is applied to the substrate by electrodeposition.
13. (new) The composition of claim 1, wherein the cationic functional group is quarternary phosphonium.